

Title (en)  
VENTILATORY SYSTEM WITH ADDITIONAL GAS ADMINISTRATOR

Title (de)  
ATMUNGS-SYSTEM MIT ZUSÄTZLICHER VERABREICHUNG VON GAS

Title (fr)  
RESPIRATEUR AVEC SYSTEME D'ADMINISTRATION D'UN GAZ ADDITIONNEL

Publication  
**EP 0886532 A1 19981230 (EN)**

Application  
**EP 96903006 A 19960227**

Priority  
EP 9600814 W 19960227

Abstract (en)  
[origin: WO9731670A1] A ventilatory system for ventilating patients, comprising a gas administration module (9) for administering a predetermined amount of an additional gas, such as NO, to said patient, said gas administration module (9) being provided with a predetermined number of parallel valve means (42/50, ..., 49/57) each of which being provided with a throttle valve and a controlled valve in series, the internal volume between the throttle valve and the controlled valve being so small that no interfering effects occur due to opening and closing of the controlled valve with a frequency below a maximum frequency. Preferably, the system is also provided with a tracheal gas insufflation (TGI) module (10) and a measurement system (26, 27, 28) for measuring the concentration of the additional gas.

IPC 1-7  
**A61M 16/12**; **A61M 16/00**; **G05D 1/03**; **A61B 5/083**; **A61M 16/08**; **G01N 21/35**; **B01D 19/00**

IPC 8 full level  
**A61B 5/083** (2006.01); **A61M 16/00** (2006.01); **A61M 16/08** (2006.01); **A61M 16/12** (2006.01); **B01D 19/00** (2006.01); **G01N 21/35** (2006.01); **G05D 1/03** (2006.01); **A61M 16/10** (2006.01); **A61M 16/20** (2006.01)

IPC 8 main group level  
**A61M** (2006.01)

CPC (source: EP US)  
**A61M 16/085** (2014.02 - EP US); **A61M 16/1015** (2014.02 - EP US); **A61M 16/12** (2013.01 - EP US); **A61M 16/202** (2014.02 - EP US); **A61M 16/204** (2014.02 - EP US); **A61M 16/205** (2014.02 - EP US); **B01D 19/0063** (2013.01 - EP US); **A61M 16/0833** (2014.02 - EP US); **A61M 16/1055** (2013.01 - EP US); **A61M 16/107** (2014.02 - EP US); **A61M 16/208** (2013.01 - EP US); **A61M 2016/102** (2013.01 - EP US); **A61M 2016/1025** (2013.01 - EP US); **A61M 2016/1035** (2013.01 - EP US); **A61M 2202/0275** (2013.01 - EP US); **A61M 2205/3368** (2013.01 - EP US)

Citation (search report)  
See references of WO 9731670A1

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**WO 9731670 A1 19970904**; AT E228869 T1 20021215; AU 4719296 A 19970916; BR 9612529 A 19990831; DE 69625244 D1 20030116; DE 69625244 T2 20030814; EP 0886532 A1 19981230; EP 0886532 B1 20021204; ES 2190467 T3 20030801; JP 2001501492 A 20010206; JP 3707699 B2 20051019; NO 316156 B1 20031222; NO 983886 D0 19980825; NO 983886 L 19981021; US 6158434 A 20001212

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